

In the Claims

Applicants submit herewith a marked-up version of the claims. Entry of the amendments is requested. Please amend claims 36, 39, and 43 as shown on the marked up versions of the claims. The submitted marked-up versions of the claims follows standard amendment rules, wherein added text has been underlined and deleted text has been bracketed. The status of each claim is additionally provided.

Remarks to The Amendments to the Claims

Applicants have submitted amendments to the Claims to be entered:

Claim 36 was amended to set out the previously recited genetic material or protein and an implantable delivery means as separate elements of the claim. No new matter was introduced by re-arranging the claim.

Claim 36 was also amended to set out the previously recited genetic material is in context of purified and isolated genetic material. Included in the group of purified and isolated genetic material is "DNA encoding an ion channel protein, RNA encoding an ion channel protein, an ion channel protein, or genetically engineered cells containing said DNA encoding an ion channel protein." Support for providing the genetic material is purified and isolated and that it includes all the enumerated parts can be found through out the specification, including but not limited to:

Page 9, lines 20-26;	Page 20, lines 18-24
Page 11, lines 8-9;	Page 22, line 31 to page 24, line 23
Page 19, lines 3-6	Page, 24, line 34 to page 25, line 14
Page 20, lines 6-9;	Page 28, lines 3-9;
Page 20, lines 10-13	Page 1, line 34 to page 32, line 19

Claims 39 and 43 were made to be dependent on Claims 36 and 41, respectively. No new matter was introduced changing the dependency of Claims 36 and 41.

- 2 -